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AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-15 (Canceled).

16. (New): A measurement device comprising:

a plurality of springs, each of said springs having an elongation axis and comprising a connecting leg connected to a plurality of turns, wherein in each of said springs, said connecting leg does not extend in the same direction as said elongation axis;

a sample body held by said connecting legs of said springs so as to be rotatable about a rotation axis as a function of the intensity of a measurement effect;

wherein a first pair of said springs are disposed on opposite sides of said sample body, respectively, with their connecting legs being substantially aligned along a first axis;

wherein a second pair of said springs are disposed on opposite sides of said sample body, respectively, with their connecting legs being substantially aligned along a second axis; and

wherein said first and second axes are disposed at approximately right angles to each other.

18. (New): The measurement device of claim 16, wherein said springs are flat.

19. (New): The measurement device of claim 18, wherein said springs are composed of metal.

20. (New): The measurement device of claim 18, wherein said springs are composed of silicon.

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21 (New): The measurement device of claim 18, wherein said springs are composed of glass.

22. (New): The measurement device of claim 16, wherein said sample body and said springs are composed of the same material.

23. (New): The measurement device of claim 16, wherein said sample body and said springs are integrally joined together.

24. (New): The measurement device of claim 16, wherein said measurement device is a paramagnetic oxygen measurement device, and said sample body is dumbbell-shaped.

25 (New): The measurement device of claim 16, wherein said springs are suspended in a suspension frame which is arranged around said sample body.

26. (New): The device of claim 16, wherein said springs provide electrical supply leads to said sample body.

27. (New): The device of claim 16, wherein said springs are formed from a thin metal sheet by cutting.

28. (New): The device of claim 16, wherein said springs are formed from a thin metal sheet by etching.

29. (New): The device of claim 16, wherein in each of said springs, said connecting leg is disposed at a right angle to said elongation axis.